

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jens WILDHAGEN

U.S. Serial No.: Filed Concurrently Herewith

Title of Invention: A DIGITAL FILTER FOR IQ-GENERATION, NOISE
SHAPING AND NEIGHBOUR CHANNEL
SUPPRESSION

745 Fifth Avenue
New York, NY 10151

EXPRESS MAIL

Mailing Label Number: EL742692638US

Date of Deposit: May 23, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Honorable Commissioner of Patents and Trademarks, Washington, DC 20231.

Edward Nay

(Typed or printed name of person mailing paper or fee)

Edward Nay

(Signature of person mailing paper or fee)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Box Patent Application (35 U.S.C. 111)
Washington, D.C. 20231

Sir:

Before the issuance of the first Office Action, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 3, 5, 7 and 10 as follows:

3. (Amended) Filter according to claim 1, **characterized by:**
- a first delay element (1) with a delay N that receives the input signal $(t(k))$;